

# COMBINED COMMUNICATIONS-ELECTRONICS BOARD



**Combined  
Communications-Electronics  
Board  
(CCEB)**



## STRATEGIC PLAN

Version P36  
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## **CCEB PURPOSE STATEMENT**

*Enable Interoperable C4 Capabilities That Make Warfighters More Effective in Coalition Operations*

### **INTRODUCTION**

Today the Defence forces of the AUSCANNZUKUS nations which form the Combined Communications-Electronics Board (CCEB) face the challenges of technology that enable dramatic change to organizational structures, operational concepts and command and control processes. Synergy between firepower and manoeuvre is achieved through the timely collection and dissemination of information. Commanders must possess information superiority through access to accurate, complete and on-demand information. This will allow them to achieve near real-time situational awareness of the battlespace, provide a decisive edge in warfare actions and protect their forces. Thus, knowing the battlespace is as important as owning it.

The present international security environment, and in particular the “Global War on Terrorism”, increases the likelihood that future operations involving CCEB nations will be fought by coalitions or alliances. These operations will be complex and dynamic, involving military forces from within and outside those nations that make up the CCEB, and with significant civil, military and political interaction. Organizational and command structures must be flexible, varying according to operational necessity and national commitment. Typically, the composition of any force will be significantly different from any previous deployment, subject to indeterminate political pressures and require cooperation between forces that have disparate capabilities and little experience in working with each other.

CCEB enables C4 interoperability for member nations. Focus is on interoperability between member nations at the Strategic, Operational, and Tactical levels of command.

CCEB has a mandate from member nations and other fora to provide leadership in the development of C4 capabilities within the combined and joint environment. Working to priorities agreed with member nations and other international fora, the CCEB seeks to achieve interoperability by developing and agreeing policies, procedures and standards. This is achieved by influencing national programmes to deliver capabilities for the exchange of all information in the combined or coalition environment.

### **THE CCEB STRATEGIC PLAN**

To achieve its Purpose, the CCEB will collaborate among nations and with single Service fora, the MIC and other multinational fora, focusing work to achieve the goals directed by an agreed Strategic Plan. This Plan directs CCEB effort to create an environment that enhances the interoperable capabilities that deliver or support the use of information that:

- Meets the Warfighters’ needs;
- Provides direct access to secure, accurate information for planning and decision making;
- Automates near real-time situational awareness in order to provide military and political leaders with the most accurate information possible on which to base decisions; and

- Is based on dependable, real time, and secure communications between national HQs and to all deployed forces.

## GOALS AND OBJECTIVES

Goals	Associated Objectives
<p><b>Goal 1: Promote and Lead C4 Interoperability in Support of the Coalition Warfighter</b></p> <p>Develop and enhance Combined and/or Coalition C4 interoperability within nations, amongst allies and with coalition partners through the provision of strategies, policies and procedures</p>	<p>Influence future C4 capabilities to enhance interoperability</p> <p>Lead multi-national C4 coordination</p> <p>Take an active part in the MIC</p> <p>Champion member nations efforts to achieve network centricity within a Global Information Grid</p> <p>Manage interoperability standards and products such as ACPs.</p> <p>Continue the development and the implementation of C4 strategies</p> <p>Manage CCEB activities</p> <p>Promote CCEB's role in the Defence community</p>
<p><b>Goal 2: Deliver capabilities and services to improve information exchange in a Coalition Environment.</b></p> <p>Provide the Warfighter with capabilities and services providing effective and interoperable communications and information services by influencing the implementation and future development of these capabilities.</p>	<p>Maintain and improve robustness and QoS of Griffin</p> <p>Develop capabilities and services in consultation with the MIC.</p> <p>Monitor and champion the development of guard technology</p> <p>Address information assurance issues within the Coalition Environment</p> <p>Achieve interoperable PKI and DS solutions</p> <p>Develop and coordinate the interconnection of secure national fixed network infrastructures</p> <p>Develop the policy and procedures required for secure infrastructure at the deployed operational and tactical levels</p> <p>Deliver secret email with attachments</p> <p>Deliver secure telephony and RF voice</p> <p>Deliver secure messaging and directory services</p> <p>Deliver situational awareness information</p> <p>Deliver interoperability of secure collaborative planning tools</p> <p>Deliver a secure web-based information environment</p> <p>Deliver multi-point secure VTC capability</p> <p>Identify information management issues and solutions.</p>
<p><b>Goal 3: Champion actions to optimize Military access to spectrum.</b></p> <p>Provide the Warfighter with access to adequate radio frequency spectrum</p>	<p>Influence national positions at the World Radiocommunication Conference (WRC) by advocating coalition interests.</p> <p>Identify, protect and coordinate frequency spectrum supporting combined operations</p> <p>Deliver guidance for effective battlespace spectrum management in support of coalition operations.</p> <p>Develop technologies and procedures for the effective management of spectrum in the battlespace.</p> <p>Monitor and influence the development of spectrum related issues with emerging technologies by advocating Coalition interest and sharing best practices</p>

## THE WAY FORWARD

## **Implementing the Strategy.**

- The realization of the CCEB strategic plan will include the following actions:
- Maintaining the currency of the CNS.
- Publishing and communicating this Strategic Plan throughout the CCEB community and with all other appropriate nations and fora.
- Maintaining a Management Plan that directs and prioritizes CCEB tasks and assigns resources.
- Working Groups and Task Forces planning work to achieve each of the Objectives and initiating actions to implement each Objective in a timely and collegial manner.
- Developing and maintaining CCEB publications and documents.

## **Implementation Priorities**

The work of the CCEB has been prioritized in terms of urgency (the operational imperative), achievability (can solutions be found at this time?) and cost (can the required resources be made available?), balancing the need to deliver the operators' highest agreed requirements as well as identify the technology and develop policies that enable future interoperability. Annex A contains the CCEB Implementation priorities and have been determined as the highest priority activities. CCEB efforts will be concentrated on delivering near-term solutions and products in these areas. Implementation priorities are to be used to direct the implementation of the Strategic Goals and their Objectives, and for the setting of agendas for meetings.

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## **CONCLUSION**

The imperative of providing improved C4 support to commanders places demands on the senior members of the CCEB to carefully plan, coordinate and allocate resources (including people, monies and facilities) amongst many worthwhile C4 initiatives. Success can be achieved by:

- Gaining a shared understanding of joint and coalition C4 requirements by working with allied and coalition groups
- Focusing CCEB efforts on achieving the priorities articulated by the operations staff in the MIC
- Influencing national C4 capabilities to achieve or enhance interoperability
- Using a collaborative, collegiate, multi-disciplined team approach
- Ensuring the CCEB adds value
- Demonstrating developed capabilities
- Protecting information assets from threat

Success will enable the CCEB to move through the 21<sup>st</sup> Century with the confidence that commanders are receiving appropriate C4 support for their mission.

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For the Australian Defence Force

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Major General M.L. Clifford

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For the Canadian Department of National Defence

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Major-General A.G. Hines

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For the New Zealand Defence Force

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Mr. D.M. Locke

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For the United Kingdom Ministry of Defence

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Air Vice Marshal S.D. Butler

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For the United States Department of Defense

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Major General D.C. Moran

